PRODUCT DATA SHEET

www.btm.co
Bituminous Waterproofing Membranes Co.
Kemalpasa Org. San. Bölgesi Mah. Gazi Bulvarı.
No: 152 Kemalpaşa / İZMİR /TURKEY
Tel:+90 0232 877 04 02 (8 line)
Fax: +90 0232 877 04 10

CE

TS EN 13707 - TS EN 13969

ELASTOBİT PE 4 BOTANİK

Document number :PDS-053-05
Publication Date :05th,Jan.2009 Revision date : 01th.Nov.2025

PRODUCT DESCRIPTION	Elastomeric modified bituminous waterproofing membrane.
USAGE	Used as underlay and intermediate layer to waterproof terraces and roofs. It can also be used for waterproofing and damp proofing of underground structures, basement and storage tanks. Type A - Type T
APPLICATION METHOD	Torched. Please refer to application booklet.
TOP SURFACE	Polyethylene Film
BOTTOM SURFACE	Polyethylene Film
REINFORCEMENT TYPE	Polyester
STORAGE	Rolls to be stored upright and away from heat.
ECOLOGICAL DATA	Can be used in natural atmosphere

TEST	METHOD	UNIT	TOLERANCE	VALUES
Visible defects	TS EN 1850-1	-	-	NONE
Length	TS EN 1848-1	m	-0,03	10
Width	TS EN 1848-1	m	-0,02	1
Straightness	TS EN 1848-1	-	-	PASS
Thickness	TS EN 1849-1	mm	±0,2	4
	TS EN 1928 (method A 10kPa)	-	-	PASS
Watertightness	TS EN 1928 (method B 60kPa)	-	-	PASS
Reaction to fire	TS EN 13501-1	class	-	E
Shear resistance of joint	TS EN 12317-1	N/50mm	-	NPD
Water vapour transmission properties	TS EN 1931	-	min.	20.000
Tensile Strength (Longitudinal)	TS EN 12311-1	N/50mm	±35%	800
Elongation at break (Longitudinal)	TS EN 12311-1	%	(-0 ; +20)	35
Tensile Strength (Transverse)	TS EN 12311-1	N/50mm	±35%	600
Elongation at break (Transverse)	TS EN 12311-1	%	(-0 ; +20)	35
Resistance to İmpact	TS EN 12691 (method A)	mm	min.	1500
Resistance to static loading	TS EN 12730 (method B)	kg	min.	20
Dimensional stability	TS EN 1107-1	%	max.	0,6
Resistance to tearing (Longitudinal)	TS EN 12310-1	N	±50%	270
	TS EN 1109 (top surface)	°C	min.	-20
Flexibility at low temperature	TS EN 1109 (bottom surface)	°C	min.	-20
Flow resistance at elevated temperature(<2mm)	TS EN 1110	°C	min.	100
Resistunce to root penetration	TS EN 13948	-	-	PASS
Artificial Ageing	TS EN 1296/TS EN 1928 (Method B 60kPa)	-	-	PASS
Resistance to chemicals	TS EN 1847/TS EN 1928 (Method B 60kPa)	-	-	PASS
Dangerous substances	Doesn't contain asbestos or coal tar constituents.			

NPD = (No performance defined)

* For information and advice on the safe handling,storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet

The maufacturer serves the right to modify, at any time, the characteristics of its products